



Recombinant Polyphosphate kinase (ppk)

Product Code	CSB-EP815216EGX
Abbreviation	ppk
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8FF70
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	GQEKLYIEK ELSWLSFNER VLQEAADKSN PLIERMRFLG IYSNNLDEFY KVRFAELKRR IIISEEQGSN SHSRHLLGKI QSRVLKADQE FDGLYNELL EMARNQIFLI NERQLSVNQQ NWLRHYFKQY LRQHITPILI NPDTDLVQFL KDDYTYLAVE IIRGDTIRYA LLEIPSDKVP RFVNLPEAP RRRKPMILL NILRYCLDDI FKGFFDYDAL NAYSMKMTRD AEYDLVHEME ASLMELMSSS LKQRLTAEPV RFVYQRDMPN ALVEVLREKL TISRYDSIVP GGRYHNFKDF INFPNVGKAN LVNKPLPRLR HIWFDKAQFR NGFDAIRERD VLLYYPYHTF EHVLELLRQA SFDPSVLAIK INIYRVAKDS RIIDSMIHAA HNGKKVTVVV ELQARFDEEA NIHWAKRLTE AGVHVIFSAP GLKIHAKLFL ISRKENG EVV RYAHIGTGNF NEKTARLYTD YSLLTADARI TNEVRRVFN F IENPYRPVTF DYLMVSPQNS RRLLYEMVDR EIANAQQGLP SGITLKLNNL VDKGLVDRLY AASSSGVPVN LLVRGMCSLI PNLEGISDNI RAISIVDRYL EHDRVYIFEN GGDKKVYLSS ADWMTRNIDY RIEVATPLLD PRLKQRVLDI IDILFSDTVK ARYIDKELSN RYVPRGNRRK VRAQLAIYDY IKSLEQSE
Source	E.coli
Target Names	ppk
Protein Names	Recommended name: Polyphosphate kinase EC= 2.7.4.1 Alternative name(s): ATP-polyphosphate phosphotransferase Polyphosphoric acid kinase
Expression Region	2-688
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients,



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